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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/002,258	11/01/2001	Kram Henry Allen	10013460-1	2458

7590 05/28/2004

HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P.O. Box 272400
Fort Collins, CO 80527-2400

EXAMINER

ZHOU, TING

ART UNIT	PAPER NUMBER
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2173

DATE MAILED: 05/28/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/002,258

Applicant(s)

ALLEN ET AL.

Examiner

Ting Zhou

Art Unit

2173

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 01 November 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date ____.

- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: ____

BA HUYNH
PRIMARY EXAMINER

DETAILED ACTION

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

1. Claims 1-20 are rejected under 35 U.S.C. 102(b) as being anticipated by Oran et al. U.S. Patent 5,920,316.

Referring to claims 1, 15 and 19, Oran et al. teach a method, system and computer program comprising the steps of determining when a cursor is moved over one of the hierarchically arranged items in a window of a graphical user interface, and if the one of the items has one or more related sub-items, displaying a first preview window comprising the one or more related sub-items (when a cursor is pointed at one of the cascading, or hierarchically arranged menu items from the start menu, if there are related sub-items, i.e. there is an arrow indicating more related sub-menus, the related sub-menus are displayed) (column 9, lines 65-67 through column 10, lines 1-20). This can further be seen from the examples shown in Figures 16A-C and Figure 17; as can be seen from Figure 16, when the cursor is positioned over "Programs", one of the hierarchically arranged items in the start menu, the related sub-items of "Programs", such as "Accessories", "Microsoft Office", etc., are displayed.

Referring to claim 8, Oran et al. teach a system comprising logic configured to determine when a cursor is moved over one of the items, and if the one of the items has one or more related

sub-items, displaying a first preview window comprising the one or more related sub-items (when a cursor is pointed at one of the cascading, or hierarchically arranged menu items from the start menu, if there are related sub-items, i.e. there is an arrow indicating more related sub-menus, the related sub-menus are displayed) (column 9, lines 65-67 through column 10, lines 1-20), a memory comprising an application supporting a graphical user interface and in which the logic is stored (column 5, lines 21-30 and 51-53), a display device configured to support the graphical user interface (column 5, lines 21-30), a cursor manipulation device configured to cooperate with the application and for manipulating the cursor with respect to the graphical user interface (mouse used to move the cursor on the screen) (column 6, lines 46-48 and column 10, lines 17-18), and a processing device configured to implement the logic and the application (CPU of the computer accessing the operating system, which is implementing the GUI) (column 5, lines 21-30).

Referring to claims 2 and 10, Oran et al. teach the cursor is manipulated by a mouse (column 6, lines 46-48 and column 10, lines 17-18).

Referring to claim 3, Oran et al. teach when the cursor is moved over one of the items and a button is clicked, expanding the hierarchical arrangement of items in the window to display the one or more related sub-items (for example, when the cursor is positioned to point at the control panel option in the setting's menu, single clicking the left mouse button on the button for "Control Panel" expands the hierarchical arrangement of items in the control panel by opening the control panel window) (column 10, lines 9-22 and further shown in Figures 18-19).

Referring to claims 4, 11 and 17, Griesmer teaches each of the items comprises a text object and a button (text description, such as "Control Panel", "Printers", etc. and a button, or icon, shown next to each description) (Figure 17) and further comprising the step of when the

cursor is moved over the button associated with one of the items and the button is selected, expanding the hierarchical arrangement of items in a window to display the one or more related sub-items (for example, when the cursor is positioned to point at the control panel option in the setting's menu, single clicking the left mouse button on the button for "Control Panel" expands the hierarchical arrangement of items in the control panel by opening the control panel window) (column 10, lines 9-22 and further shown in Figures 18-19).

Referring to claims 5, 12, 18 and 20, Oran et al. teach determining when the cursor is moved over one of the related sub-items in the first preview window, and if the one of the related sub-items has one or more related second-level sub-items, displaying a second preview window comprising the one or more related second-level sub-items (displaying cascading menu items; for example, "Accessories", which is one of the sub-items of "Programs", contains second-level sub-items, shown by the arrow next to "Accessories", indicating more cascaded items; when the cursor is positioned over the "Accessories" sub-item, its associated second-level sub-items can be displayed) (column 9, lines 65-67 through column 10, lines 1-8). This is further shown in Figure 16C.

Referring to claims 6 and 13, Oran et al. teaches at least a portion of the second preview window is displayed over at least a portion of the first preview window (as can be seen from Figure 16C, at least a portion of the window displaying the sub-items for "Programs", containing "Accessories", "Microsoft Office", etc. are displayed over the first menu window containing "Programs", "Documents", etc.; therefore, a portion of the window displaying second-level sub-items of "Accessories" can be displayed over the window containing the sub-items "Accessories", "Microsoft Office", etc.).

Referring to claims 7 and 14, Oran et al. teaches one or more of the related sub-items has one or more related second-level sub-items, and further comprising the step of displaying a second preview window comprising the one or more related sub-items (displaying cascading menu items; for example, "Accessories", which is one of the sub-items of the "Programs", contains second-level sub-items, shown by the arrow next to "Accessories", indicating more cascaded items; when the cursor is positioned over the "Accessories" sub-item, its associated second-level sub-items can be displayed) (column 9, lines 65-67 through column 10, lines 1-8). This is further shown in Figure 16C.

Referring to claim 9, Griesmer teaches the logic is embodied in an operating system and initiated by the application (column 5, lines 21-30).

Referring to claim 16, Griesmer teaches a cursor manipulation means for manipulating the cursor with respect to the graphical user interface (column 6, lines 46-48 and column 10, lines 17-18).

2. The prior art made of record on form PTO-892 and not relied upon is considered pertinent to applicant's disclosure. Applicant is required under 37 C.F.R. § 1.111(c) to consider these references fully when responding to this action. The documents cited therein teach similar methods for presenting hierarchically arranged items.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ting Zhou whose telephone number is (703) 305-0328. The examiner can normally be reached on Monday - Friday 8:00 am - 5:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Cabeca can be reached on (703) 308-3116. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

May 25, 2004

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1-20 are rejected under 35 U.S.C. 102(b) as being anticipated by Griesmer U.S. Patent 5,923,328.

Referring to claims 1, 15 and 19, Griesmer teaches a method, system and computer program comprising the steps of determining when a cursor is moved over one of the hierarchically arranged items in a window of a graphical user interface, and if the one of the items has one or more related sub-items, displaying a first preview window comprising the one or more related sub-items (when an input is received from an input device selecting one of the items displayed in a hierarchical list tree, the list of sub-tree items associated with the selected item is displayed in a second window) (column 2, lines 21-37). This is further recited in column 5, lines 7-28 and shown in Figures 9-10.

Referring to claim 8, Griesmer teaches a system comprising logic configured to determine when a cursor is moved over one of the items, and if the one of the items has one or more related sub-items, displaying a first preview window comprising the one or more related sub-items (when an input is received from an input device selecting one of the items displayed in a hierarchical list tree, the list of sub-tree items associated with the selected item is displayed in a second window) (column 2, lines 21-37, column 5, lines 7-28 and further shown in Figures 9-10), a memory comprising an application supporting a graphical user interface and in which the

logic is stored (column 6, lines 35-37 and 44-45), a display device configured to support the graphical user interface (column 6, lines 30-33), a cursor manipulation device configured to cooperate with the application and for manipulating the cursor with respect to the graphical user interface (column 5, lines 48-51 and column 7, lines 17-20), and a processing device configured to implement the logic and the application (column 6, lines 30-33).

Referring to claims 2 and 10, Griesmer teaches the cursor is manipulated by a mouse (column 5, lines 48-51 and column 7, lines 17-20).

Referring to claim 3, Griesmer teaches when the cursor is moved over one of the items and a button is clicked, expanding the hierarchical arrangement of items in the window to display the one or more related sub-items (when the user selects a button, the hierarchical sub-tree is displayed) (column 8, lines 44-64 and column 9, lines 15-20). Furthermore, when the expansion indicator "+" is selected with a click of the mouse button, the node is expanded and the related children nodes are displayed (column 6, lines 12-27).

Referring to claims 4, 11 and 17, Griesmer teaches each of the items comprises a text object and a button (text description, such as reference character "516" and a button, or icon, such as reference character "532" for each item, as shown in Figure 5) and further comprising the step of when the cursor is moved over the button associated with one of the items and the button is selected, expanding the hierarchical arrangement of items in a window to display the one or more related sub-items (expanding the node and displaying the related children nodes when the expansion button is selected) (column 6, lines 12-27).

Referring to claims 5, 12, 18 and 20, Griesmer teaches determining when the cursor is moved over one of the related sub-items in the first preview window, and if the one of the related sub-items has one or more related second-level sub-items, displaying a second preview window

comprising the one or more related second-level sub-items (displaying nested items within a nested item; for example, the sub-items of “Functions” “Resources” and “Files” of the item “CMyView”, which is one of the sub-items of the item “MyProject”, can be displayed) (column 10, lines 64-67 and column 11, lines 1-20 and 36-44). This is further shown in Figures 9-10.

Referring to claims 6 and 13, Griesmer teaches at least a portion of the second preview window is displayed over at least a portion of the first preview window (for example, the second preview window containing the second-level sub-items, “Functions” and “Resources”, are displayed over, or indented under a portion of the first preview window containing the sub-item “CMyView”) (Figures 9-10).

Referring to claims 7 and 14, Griesmer teaches one or more of the related sub-items has one or more related second-level sub-items, and further comprising the step of displaying a second preview window comprising the one or more related sub-items (displaying nested items within a nested item; for example, the sub-item of “Functions” “Resources” and “Files” of the item “CMyView”, which is one of the sub-items of the item “MyProject”, can be displayed) (column 10, lines 64-67 and column 11, lines 1-20 and 36-44). This is further shown in Figures 9-10.

Referring to claim 9, Griesmer teaches the logic is embodied in an operating system and initiated by the application (column 6, lines 28-50).

Referring to claim 16, Griesmer teaches a cursor manipulation means for manipulating the cursor with respect to the graphical user interface (column 5, lines 48-51 and column 7, lines 17-20).

4. The prior art made of record on form PTO-892 and not relied upon is considered pertinent to applicant's disclosure. Applicant is required under 37 C.F.R. § 1.111(c) to consider these references fully when responding to this action. The documents cited therein teach similar methods for presenting hierarchically arranged items.

Conclusion

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Cabeza can be reached on (703) 308-3116. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

May 17, 2004


BA HUYNH
PRIMARY EXAMINER